

ABSTRACT

DISPLAY ASSEMBLY INCLUDING AN ELECTRO-OPTICAL
CELL AND A PHOTOVOLTAIC CELL

A display assembly is disclosed including an electro-optical cell (28), for example a liquid crystal cell, and a photovoltaic cell (61) acting as a back reflector for the latter. In order to improve the aesthetic appearance of the display, the photovoltaic cell (61) reflects predetermined wavelengths and thus exhibits a desired colour in the 5 transparent zones (90) of the electro-optical cell. In particular, the reflected light can be coloured by reflection onto a multi-layered reflective filter including a transparent electrode (69) of the photovoltaic cell. This cell may form part of the dial of a watch.

Figure 12